

Source type	Compound	Inlet	Outlet	Total flux (mg/hr)	EF (kg/cow/year)	Total VOC EF (kg/cow/year)
cows+excreta	PROPENE(PROPYLENE)	.	0.750	97.73	0.285	2.911
cows+excreta	Dichlorodifluoromethane	.	0.518	140.48	0.410	.
cows+excreta	Ethane, 1,2-dichloro-1,1,2,2-tetrafluoro	.	.	.	.	.
cows+excreta	Vinyl chloride	.	.	.	.	.
cows+excreta	1,3-BUTADIENE	.	.	.	.	.
cows+excreta	Methane, bromo-	.	0.366	77.93	0.228	.
cows+excreta	Chloroethane	.	.	.	.	.
cows+excreta	FLUOROTRICHLOROMETHANE	.	0.222	.	.	.
cows+excreta	Ethene, 1,1-dichloro-	.	.	.	.	.
cows+excreta	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.060	0.126	.	.	.
cows+excreta	Acetone	2.386	2.536	19.54	0.057	.
cows+excreta	Carbon disulfide	.	0.280	47.81	0.140	.
cows+excreta	2-PROPANOL (ISOPROPYL ALCOHOL)	.	0.422	56.87	0.166	.
cows+excreta	Chloromethane	.	.	.	.	.
cows+excreta	Methylene chloride	.	.	.	.	.
cows+excreta	METHYL TERT-BUTYL ETHER	.	.	.	.	.
cows+excreta	CHLOROFORM	.	.	.	.	.
cows+excreta	Acetic acid ethenyl ester	.	.	.	.	.
cows+excreta	cis-1,2-Dichloroethene	.	.	.	.	.
cows+excreta	Ethyl Acetate	.	1.036	204.70	0.598	.
cows+excreta	TETRAHYDROFURAN	.	.	.	.	.
cows+excreta	Methane, bromodichloro-	.	.	.	.	.
cows+excreta	Ethane, 1,1,1-trichloro-	.	.	.	.	.
cows+excreta	CYCLOHEXANE	.	.	.	.	.
cows+excreta	Carbon Tetrachloride	.	0.130	44.84	0.131	.
cows+excreta	Benzene	0.044	0.104	.	.	.
cows+excreta	1,2-Dichloroethane	.	.	.	.	.
cows+excreta	N-HEPTANE	.	.	.	.	.
cows+excreta	TRICHLOROETHYLENE	.	.	.	.	.
cows+excreta	1,2-Dichloropropane	.	.	.	.	.
cows+excreta	P-DIOXANE	.	.	.	.	.
cows+excreta	Dibromochloromethane	.	.	.	.	.
cows+excreta	1-Propene, 1,3-dichloro-	.	.	.	.	.
cows+excreta	METHYL ISO-BUTYL KETONE	.	.	.	.	.
cows+excreta	Toluene	0.024	0.494	97.11	0.284	.

cows+excreta	trans-1,3-Dichloropropene		0.128	.	.	.
cows+excreta	1,1,2-Trichloroethane	.	.	.	.	.
cows+excreta	Tetrachloroethylene	.	.	.	.	.
cows+excreta	2-Hexanone	.	0.110	.	.	.
cows+excreta	Methane, dibromochloro-	.	.	.	.	.
cows+excreta	1,2-Dibromoethane	.	.	.	.	.
cows+excreta	CHLOROBENZENE	.	0.044	.	.	.
cows+excreta	ETHYL BENZENE	0.010	0.136	.	.	.
cows+excreta	p-Xylene	0.012	0.246	55.73	.	0.163
cows+excreta	o-Xylene	.	0.112	.	.	.
cows+excreta	Methane, tribromo-	.	0.020	.	.	.
cows+excreta	1,1,2,2-Tetrachloroethane	.	0.022	.	.	.
cows+excreta	1,2,4-Trimethylbenzene	.	0.132	35.58	.	0.104
cows+excreta	Benzene, 1-ethyl-4-methyl-	.	.	.	.	.
cows+excreta	1,3,5-Trimethylbenzene	.	0.300	80.87	.	0.236
cows+excreta	1,4-Dichlorobenzene	.	0.084	.	.	.
cows+excreta	1,3-DICHLOROBENZENE	.	0.114	37.59	.	0.110
cows+excreta	Benzyl chloride	.	0.126	.	.	.
cows+excreta	1,2-Dichlorobenzene	.	0.096	.	.	.
cows+excreta	1,2,4-Trichlorobenzene	.	0.298	.	.	.
cows+excreta	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	.	0.250	.	.	.

Source Type	Compound	Inlet	Outlet	Total flux (mg/hr)	EF (kg/cow/year)	Total VOC EF (kg/cow/year)
exreta only	PROPENE(PROPYLENE)	1.144	0.558	.	.	1.128
exreta only	Dichlorodifluoromethane	0.114	0.506	.	.	.
exreta only	Ethane, 1,2-dichloro-1,1,2,2-tetrafluoro	.	.	.	.	.
exreta only	Vinyl chloride	.	.	.	.	.
exreta only	1,3-BUTADIENE	.	.	.	.	.
exreta only	Methane, bromo-	0.016	0.018	.	.	.
exreta only	Chloroethane	.	.	.	.	.
exreta only	FLUOROTRICHLOROMETHANE	0.21	0.208	.	.	.
exreta only	Ethene, 1,1-dichloro-	.	.	.	.	.
exreta only	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (	0.108	0.12	.	.	.
exreta only	Acetone	.	2.446	318.607	0.930	0.930
exreta only	Carbon disulfide	0.276	0.738	78.891	0.230	0.230
exreta only	2-PROPANOL (ISOPROPYL ALCOHOL)	0.372	0.12	-33.961	-0.099	-0.099

exreta only	Chloromethane				
exreta only	Methylene chloride				
exreta only	METHYL TERT-BUTYL ETHER				
exreta only	CHLOROFORM				
exreta only	Acetic acid ethenyl ester				
exreta only	cis-1,2-Dichloroethene				
exreta only	Ethyl Acetate	1.004	1.07	13.040	0.038
exreta only	TETRAHYDROFURAN				
exreta only	Methane, bromodichloro-				
exreta only	Ethane, 1,1,1-trichloro-				
exreta only	CYCLOHEXANE		0.108		
exreta only	Carbon Tetrachloride	0.124	0.13		
exreta only	Benzene	0.312	0.194		
exreta only	1,2-Dichloroethane				
exreta only	N-HEPTANE	0.138	0.112		
exreta only	TRICHLOROETHYLENE				
exreta only	1,2-Dichloropropane				
exreta only	P-DIOXANE				
exreta only	Dibromochloromethane				
exreta only	1-Propene, 1,3-dichloro-				
exreta only	METHYL ISO-BUTYL KETONE				
exreta only	Toluene	0.742	0.602	-28.927	-0.084
exreta only	trans-1,3-Dichloropropene				
exreta only	1,1,2-Trichloroethane				
exreta only	Tetrachloroethylene				
exreta only	2-Hexanone	0.11	0.144		
exreta only	Methane, dibromochloro-				
exreta only	1,2-Dibromoethane				
exreta only	CHLOROBENZENE				
exreta only	ETHYL BENZENE	0.122	0.208		
exreta only	p-Xylene	0.24	0.402	38.584	0.113
exreta only	o-Xylene	0.116	0.162		
exreta only	Methane, tribromo-				
exreta only	1,1,2,2-Tetrachloroethane				
exreta only	1,2,4-Trimethylbenzene	0.058	0.09		
exreta only	Benzene, 1-ethyl-4-methyl-				

exreta only	1,3,5-Trimethylbenzene	0.136	0.18	.	.
exreta only	1,4-Dichlorobenzene	.	.	.	.
exreta only	1,3-DICHLOROBENZENE	0.046	.	.	.
exreta only	Benzyl chloride	.	.	.	.
exreta only	1,2-Dichlorobenzene	.	.	.	.
exreta only	1,2,4-Trichlorobenzene	.	.	.	.
exreta only	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	.	.	.	.